

# Haier

## **COLOUR TV RECEIVER**

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## **OWNER'S MANUAL**

Please read this manual carefully before operating the unit, and keep it for future reference.

The Owner's Manual for the Follow Models:  
**21F9K, 21T3A, 21F3A, 21T9D, 21F9D,**  
**21FA1(D),21TA1-BG**

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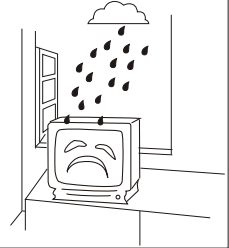
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# Warning and Cautions

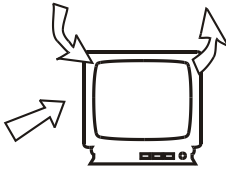
1. When you clean the TV set, please pull out the power plug from AC outlet. Don't clean the cabinet and the screen with benzene, petrol and other chemicals.



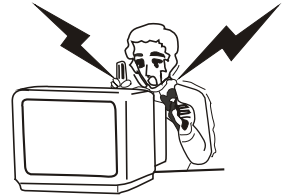
4. To prevent the TV set from firing and electric shock, don't expose the TV set to rain or moisture.



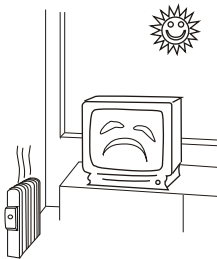
2. In order to prolong the using life of the TV set, please place it on a ventilated place.



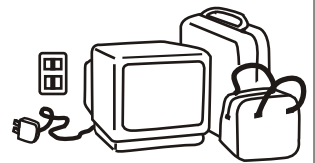
5. Don't open the back cover, otherwise it is possible to damage the components in the TV set and harm you.



3. Don't place the TV set in the sunshine or near heat source.



6. When the TV set isn't going to be used for long time or it is in thunder and lightening, please pull out the plug from AC outlet and the antenna plug from the cover of the TV set.



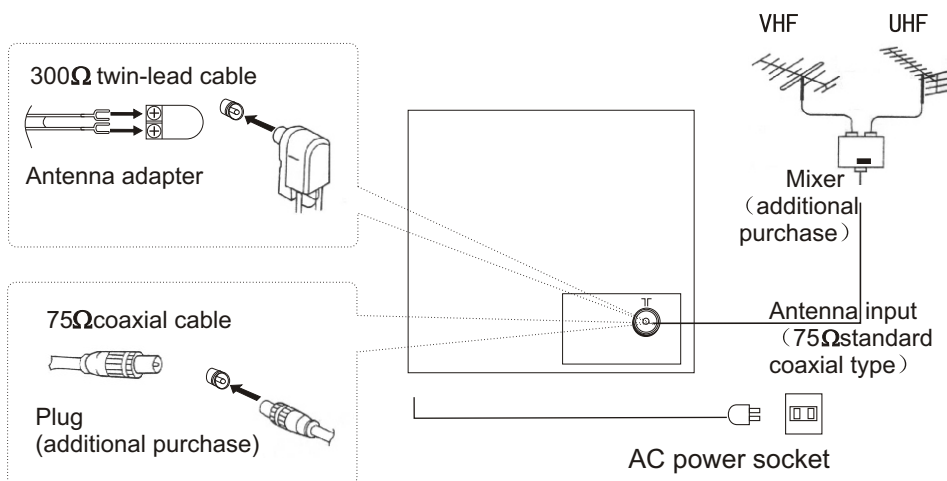
## Explanation on the display tube

In general, it is not needed to clean the tube surface. However, necessary, it's surface can be cleaned with a dry cotton cloth after cutting off the power. Don't use any cleanser. If using hard cloth, the tube surface will be damaged.

# Installation

## Antenna connection

Generally speaking, to enjoy a clearer picture, we recommend that you use a CATV system or an outdoor antenna. In different places, the suitable antenna type and position are different.



Note:

- \* It is recommended that you'd better use the 75Ω coaxial cable to remove the disturbance caused by airwave.
- \* Don't bind antenna cable and electric wire together.

## Preparation for the remote control

### Battery installation

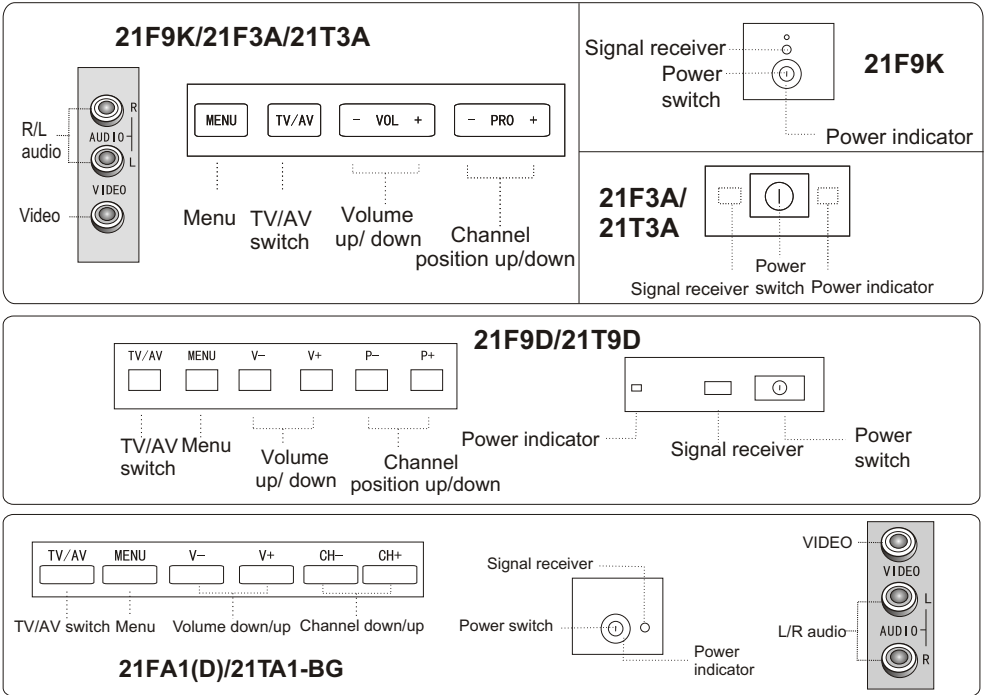
- Remove the batteries cover.
- Insert two size AA batteries matching the +/- polarities of the battery to the +/- marks inside the battery compartment.

### Tips for remote operation

- When the remote control will not be used for a long period of time or when the batteries are worn out, remove the batteries to prevent the leakage.
- Do not throw the batteries into fire. Dispose of used batteries in the specified manner.
- Do not drop, dampen or disassemble the remote control.

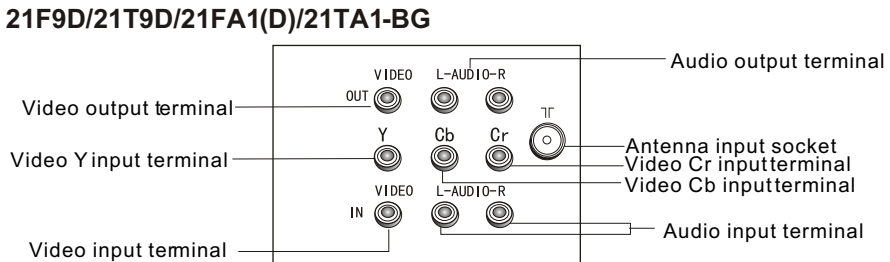
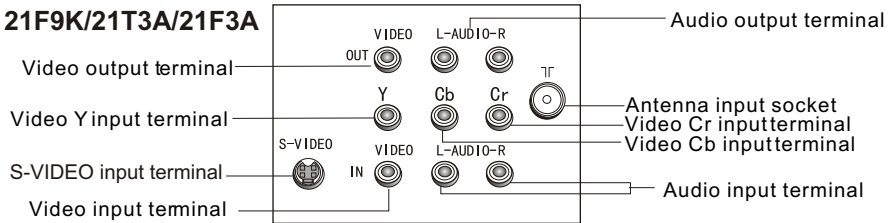
# Position of Keys and Plug-ins

## Front panel

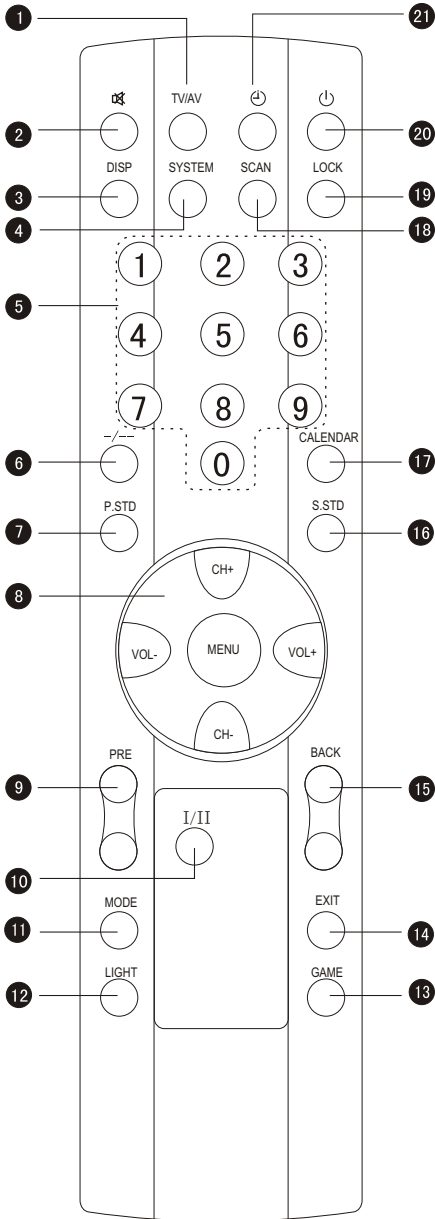


- NOTE:
1. Please do not use the side and back AV terminals simultaneously.
  2. The side AV is optional, and the silk-screen may be adjust without notice.

## Back panel



# Using the Remote Control



## Buttons and Descriptions

- 1 TV and AV Exchange Button  
To exchange between TV and other available video inputs
- 2 Mute Button  
Press to conceal the sound of programs.
- 3 Screen Display Button
- 4 System Adjust Button
- 5 Direct-digit Choosing Button  
Directly select channel numbers
- 6 Digit Select Button  
Change the channel position number between one digit, two-digits and three-digits.
- 7 Picture Mode Select Button  
There are DYNAMIC, STANDARD, MILD, MEMORY, PICTURE MUTE and COLOR MUTE six modes of picture.
- 8 Menu Select/Adjust Button  
Use this button to adjust the menu, the volume and the channels, as well as to control the game.
- 9 Program Play-forward Button
- 10 I/II Button  
Used for setting the acoustics. There are SURROUND OFF, SURROUND MONO, SURROUND STEREO 1, SURROUND STEREO 2 four kinds of sound modes.
- 11 Game Background Select Button
- 12 Background Lamp Control Button  
(not available)
- 13 Restart Game Button
- 14 Game Exit Button
- 15 Program Play-backward Button
- 16 Sound Mode Select Button  
There are THEATER, NEWS, MUSIC and PERSONAL four kinds of sound modes.
- 17 Calendar
- 18 Program Scan Button
- 19 Lock Setting button
- 20 DC Standby Button
- 21 Sleep Timer Button


# Power On and Power Off

- Below are methods on how to power on/off the TV set with the switch on the TV and on the remote control.

## Power on/off

### Connect/disconnect to the power

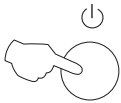
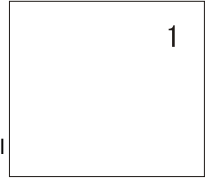
1. Connect the power supply wire, then press the Power Switch button and the red power indicator will light, in several seconds the picture will appear on the screen.

2. If the TV is in the state of standby, press the  button on the remote control.

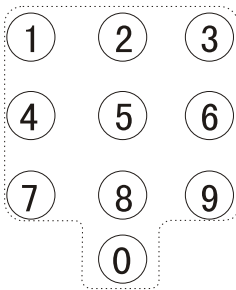
#### NOTE

1. You can also press the 0-9 button to call off the standby status instead of pressing the DC Standby button. Press the digit button of the preset channel (limited to one digit), you can complete the selection of channel while you turn on the TV set( To operate the preset of TV channel, please see TUNING on page 9-12).


2. When you do not use the remote control, you can directly press the the button on the television to call off the standby status.




DC Standby Button



Direct-digit Choosing Button

3. Press the  button on the remote control to get into the standby state.

4. Press the  button on the TV set to completely turn off the TV.

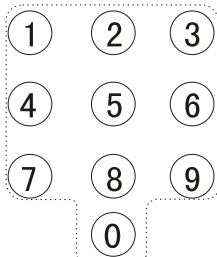
### Power supply auto-off function

When the B.B(black background) is set ON, and there is no signal, Haier screen protection works, and in 15 minutes later, it will change into standby status.

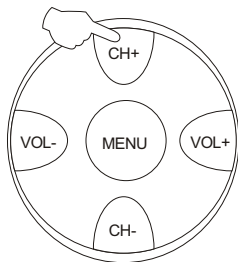
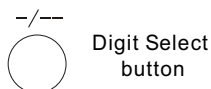
# Viewing TV Programs

- The channels amount to 218.

## Viewing TV programs



Direct-digit Choosing button

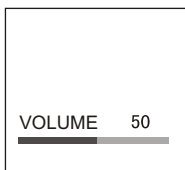


### How to select the TV program

1. Use the direct-digit choosing button
  - Press the button from 0-9 to select a one digit channel.
  - If you want to select a two-digits channel, press the Digit Select button and change it into two-digits mode, then press the number of the channel.
  - If you want to select a three-digits channel, press the Digit Select button and change it into three-digits mode, then press the number of the channel.
  - If the channel position number you select is larger than 218, the TV will use the first two number as the channel position.
2. Use CH+/- button
  - Press CH+ to increase the channel position number.
  - Press CH- to decrease the channel position number.
3. Use PRE button and BACK button
  - Press PRE button, you can go back to the channels you viewed (as many as four).
  - Then, press Back button, you can return to the channels you were watching just now (as many as four).
  - For example, if you have viewed channel 1,2,3,4,5,6 after the TV is powered on, and the channel you are watching now is number 7, then press PRE button, you can view channel 6,5, 4,3, and you may press the Back button to return to channel 7.

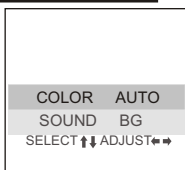
### Choose the proper volume you like

- Press VOL+/- button to adjust the volume.
- Press VOL+ to increase the volume, press VOL- to decrease the volume.



### If the colour of one channel is abnormal

It might be because the colour system has been set improperly. You may follow the instruction below to adjust it. Press SYSTEM button, and you can see the form.



- If the colour of the picture is abnormal Press CH+/- button, and move the indicator to COLOR, and press VOL+ button to select the proper colour. (AUTO, PAL, NTSC4.43 and NTSC3.58 will appear alternately.) Generally, please set to AUTO.



# Viewing TV Programs (continued)

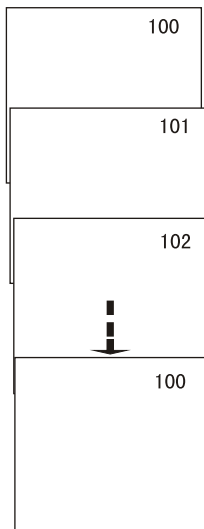
- Program scanning function is to let the television automatically scan all preconcerted channel program (about two seconds per channel).

## Program scan, screen display and ZOOM

### Program scanning function



1. If you want to scan the programs and select your favorite channel, just press the SCAN button, then the television will start scanning from the present channel with a rate of two seconds per channel and until all the preconcerted programs have been displayed once, the TV set will return to the starting channel.



2. If you want to terminate this function during the scanning, press the SCAN button again, and the program will stay at the present channel.

### Screen display

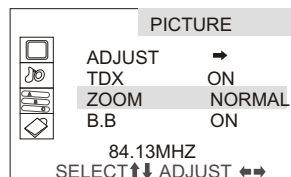
Usually, when you press the DISP button, the channel number will appear on the top right corner of the screen; when you press again, the current time and the count time will appear on the top left and the down left corner of the screen. It will disappear about 5 seconds later. In other way, you can press the DISP button to conceal the function.



### ZOOM

This function can change the extent of the picture.

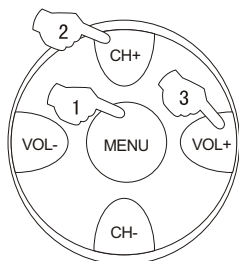
Press MENU and CH+/- to select ZOOM, and VOL+ to select among NORMAL/ZOOM IN/16:9.



# Tuning

- You may operate it either on the TV or on the remote control. Here is mainly about the remote control.

## Automatic search

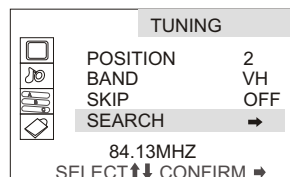


### Automatic search

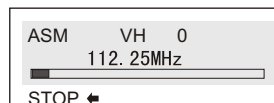
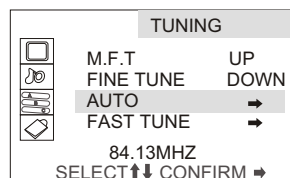
1. Press MENU button repeatedly to select the TUNING menu, and the function menu will be displayed in the following sequence:

→ PICTURE → SOUND → TUNING → FUNCTION

2. Press CH+/- button to move the indicator to SEARCH, then press VOL+ to enter the submenu, press CH+/- to select AUTO.



3. Press VOL+ button, then AUTO mode will work. The TV set will search automatically all available programs, after that, all available programs will be stored in turn and the TV set will return to the first channel.

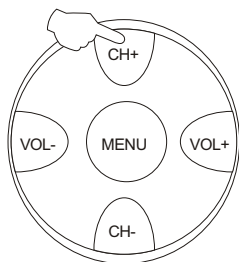


- If you want to stop the search, just press VOL- button.
- The order of the automatic search is due to the frequency of the program, generally speaking, it is used only at the first time you search the program, and once the order of the program has been confirmed, you don't have to use this function, otherwise the order of the program will be changed.

### After searching

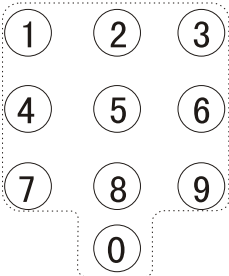
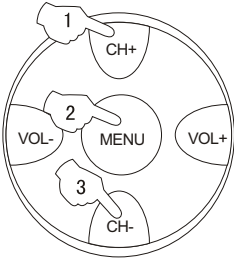
- Press CH+/- button to check the channels.
- If the colour is abnormal in a certain channel, it may be the colour system has not been set properly, so you should adjust it to the proper system (Reference to page 7).

**FAST TUNE:** This function is same as AUTO, but is can make the search time shorter (can only available in some areas), generally, please use the AUTO function.

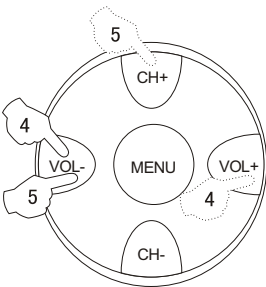


# Tuning(continued)

## Manual search



Direct-digit Choosing Button



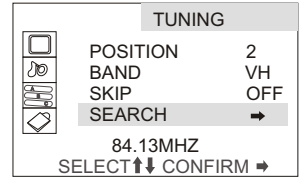
### Manual search

1. Press CH+/- button or the Direct-digit Choosing button to select a channel directly (take channel 1 for example).

2. Press MENU button repeatedly to select the TUNING menu, and the function menu will be displayed in the following sequence:

→PICTURE→SOUND→ TUNING→FUNCTION

3. Press CH+/- button and move the indicator to SEARCH.



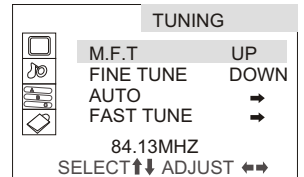
4. Press VOL+ to enter the submenu and CH+/- to select M.F.T.

Press VOL+/- button to start searching.

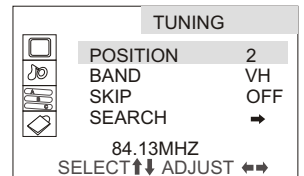
VOL- button is used to search the lower frequency channel.

VOL+ button is used to search the higher frequency channel.

Repeat the steps until you find the channel you need.

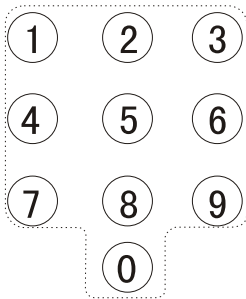
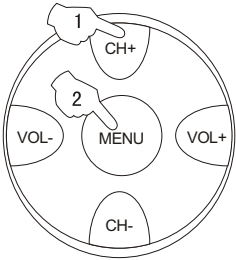


5. When you plan to store another new channel at a new place, use CH+/- button and move the indicator to POSITION, then press VOL+/- button to select a channel number and press CH+/- button to move to SEARCH, then repeat the fourth step.

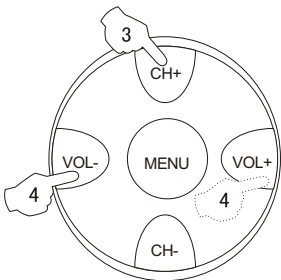


# Tuning(continued)

## Fine tune



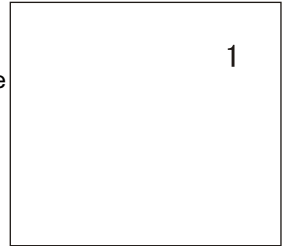
Direct-digit Choosing Button



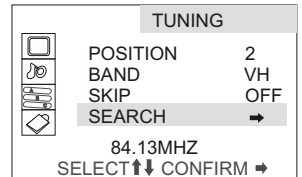
### Fine tune

When you can't get a satisfactory picture and audio effect, you can fine tune to obtain.

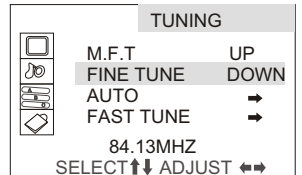
1. Press CH+/- button or the Direct-digit Choosing button to select a channel directly (take channel 1 for example).



2. Press MENU button repeatedly to select the TUNING menu. Press CH+/- button and move the indicator to SEARCH and VOL+ to enter the submenu.



3. Press CH+/- button and move the indicator to FINE TUNE.

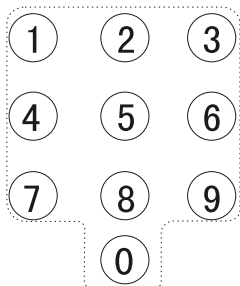


4. Press VOL+/- button repeatedly to fine tune, until the picture and the sound become satisfactory.

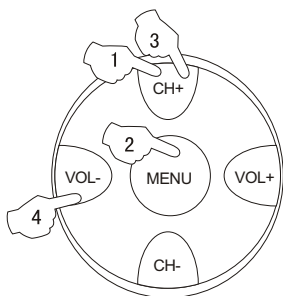
- VOL- button is used to search the lower frequency channel.
- VOL+ button is used to search the higher frequency channel.

# Tuning(continued)

## Skip



Direct-digit Choosing Button



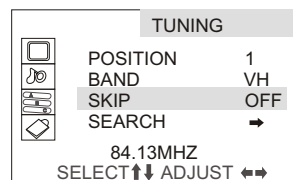
## Skip

After the programs are presetted, you can skip some programs so that to select your favorite channels only.

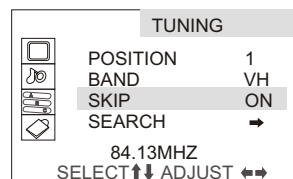
1. Press CH+/- button or Direct-digit Choosing button to select a channel directly (take channel 1 for example).
2. Press MENU button repeatedly to select the TUNING menu.



3. Press CH+/- button and move the indicator to SKIP.



4. Press VOL+/- button to set it ON.



5. Press MENU button to close the menu. When you select channels with CH+/- button, this channel will be skipped. However, you can also use the Direct-digit Choosing button on the remote control to select this channel directly.

## If you want to recover the skipped channel

1. Use Direct-digit Choosing button to select the number of the channel to be recovered.
2. Do the above steps again.
3. Press VOL+/- button to set SKIP OFF.

# Adjusting the Picture and the Sound

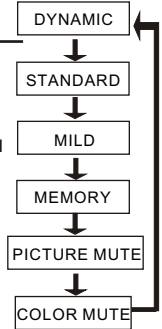
## Multiple picture modes



### How to select the picture mode

You may select the mode you want from the five preset modes and one individual mode.

Press the P. STD button to select a mode you like. DYNAMIC PICTURE, STANDARD PICTURE, MILD PICTURE, MEMORY, PICTURE MUTE and COLOR MUTE, totally six picture modes can be selected alternately.

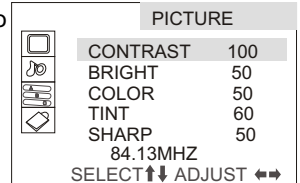
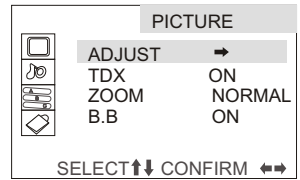
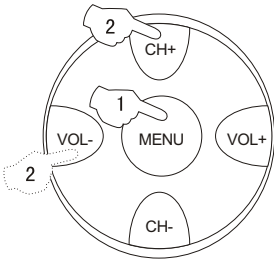


MODE	PICTURE QUALITY
DYNAMIC	BRIGHT COLOUR
STANDARD	MEDIUM COLOUR AND BRIGHTNESS
MILD	LOW COLOUR AND BRIGHTNESS
MEMORY	SET BY YOURSELF
PICTURE MUTE	NO PICTURES
COLOR MUTE	BLACK AND WHITE

### Set the parameter of MEMORY

1. Press MENU button repeatedly to select the PICTURE menu. Press CH+/- to select ADJUST and VOL+ to enter the submenu.

2. Press CH+/- button, move the indicator to the option you want to adjust, then press VOL+/- button to do the adjustment. Then the parameter will be automatically stored in MEMORY option.



OPTION	VOL+	VOL-
CONTRAST	STRONG	WEAK
BRIGHT	BRIGHT	DARK
COLOR	THICK	LIGHT
SHARP	SHARP	SOFT
TINT	PURPLE	GREEN

TDX: You can make BRIGHT, SHARP, TREB and BASS have a change simultaneously by setting TDX ON.

# Adjusting the Picture and the Sound

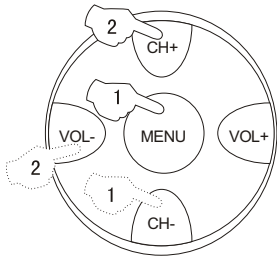
(continued)

## Multiple Sound Modes

S.STD



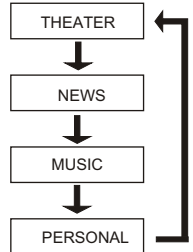
I \ II



### How to select the sound mode

You can quickly select your most favored sound mode from the following four kinds of modes.

1. Press the S.STD button to select the sound quality that you want. THEATER, NEWS, MUSIC, and PERSONAL can be selected in turn.

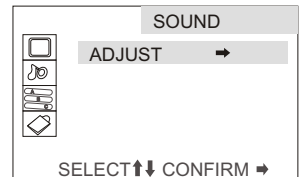


2. Press the I \ II button to select the acoustics quality that you want. SURROUND OFF, SURROUND MONO, SURROUND STEREO 1, SURROUND STEREO 2 can be selected in turn.

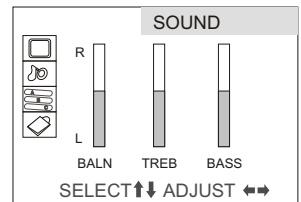
### Setting the sound

This function can let you regulate the volume to the preconcerted parameter quickly.

1. Press the MENU button repeatedly to select the SOUND menu and VOL+ to enter it.



2. Press VOL+/- button, move to the BASS, then press CH+/- button to adjust the parameter you expect. With the same method, you can adjust the parameter of the TREB or the BALN.



3. Press the S.STD button repeatedly to select the different sound setting modes.

# Adjusting the Picture and the Sound

(continued)







## S.C.C, count,AUTO OFF and mute

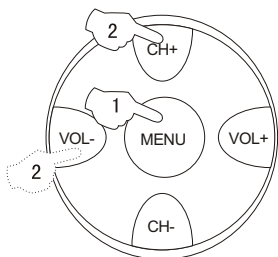
### How to use the S.C.C(soft change channel)

- This TV set provides you with the function of S.C. C. When it is set "ON", the picture will fade in and fade out when the channel is changed.

1. Press MENU button repeatedly to select the FUNCTION menu.

2. Press CH+/- button, move the indicator to the S.C.C, then press VOL+/- button to set it ON or OFF.

FUNCTION	
	LANG. ENGLISH
	CURTAIN I
	TIMER →
	POS.SWAP →
	S.C.C. OFF
	AUTO OFF OFF
SELECT ↑↓ ADJUST ↔	



### How to use the AUTO OFF function


When it is set ON, if there is no operation on the TV for 2 hours, the TV set will change to the standby mode automatically.

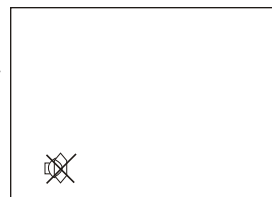
### How to use the COUNT function


- This TV set provides you with the function of COUNT, if you want to know how long your TV set has been used, you can press DISP button twice, then you can know the time the TV has been on (count from 0 after 100,000 hours).
- The time displayed is the total time when you watch the TV (time of standby status will not be included), the number cannot be altered through operating by the remote control or on the TV set.

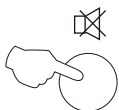
### How to use the MUTE function

When you want to pay attention to the environment or answer a telephone, or to meet guests, using the mute function is very convenient.

1. Press  button, a sign will appear at the button left corner of the screen, and the sound of the TV set is cutoff.



2. In order to recover the sound, press  button again or press VOL+/- button.





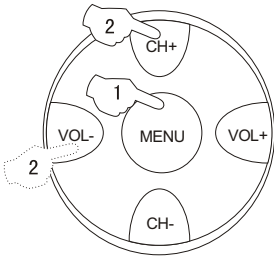
# Setting the Timer

- This TV set provides you with three timer functions such as timer on, timer off and sleep off.

## Timer off

### Timer off

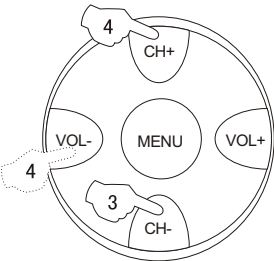
Using this function can turn the TV set automatically into standby status at the preconcerted time.



1. Press MENU button repeatedly to select the FUNCTION menu, then press CH+/- to select TIMER and VOL+ to enter the submenu.

2. Press CH+/- button, move the indicator to OFF TIMER, then press VOL+/- button to set it ONCE, EVERY, or OFF.

3. Press CH- button, move the indicator to the next row. Then, press VOL+/- button to set the time.



4. Press CH+/- button, move the indicator to CLOCK, press VOL+/- button, and you can set the time (It will be the standard of the clock of TIMER ON/OFF).

- Repeatedly press VOL+/- button, the time changes with a rate of one minute;
- Press the button without releasing, the time changes with a rate of ten minutes.

TIMER	
<input type="checkbox"/>	OFF TIMER ONCE
<input type="checkbox"/>	19:00
<input type="checkbox"/>	ON TIMER OFF
<input type="checkbox"/>	22:00
	POSITION 0
	CLOCK 1:40
	APPOINTMENT →
	SELECT ↑↓ ADJUST ↔

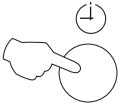
TIMER	
<input type="checkbox"/>	OFF TIMER ONCE
<input type="checkbox"/>	19:00
<input type="checkbox"/>	ON TIMER OFF
<input type="checkbox"/>	22:00
	POSITION 0
	CLOCK 1:40
	APPOINTMENT →
	SELECT ↑↓ ADJUST ↔

TIMER	
<input type="checkbox"/>	OFF TIMER ONCE
<input type="checkbox"/>	19:00
<input type="checkbox"/>	ON TIMER OFF
<input type="checkbox"/>	22:00
	POSITION 0
	CLOCK 1:40
	APPOINTMENT →
	SELECT ↑↓ ADJUST ↔

TIMER	
<input type="checkbox"/>	OFF TIMER ONCE
<input type="checkbox"/>	19:00
<input type="checkbox"/>	ON TIMER OFF
<input type="checkbox"/>	22:00
	POSITION 0
	CLOCK 1:40
	APPOINTMENT →
	SELECT ↑↓ ADJUST ↔

# Setting the Timer (continued)

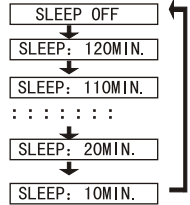
## Sleep timer and timer on



### Sleep timer

Using this function, the TV set can be changed into the standby status after a period of preset time from when this function is activated.

1. The utmost time for this function is 120 minutes, and the time interval is 10 minutes. There are totally 12 kinds of off-time.

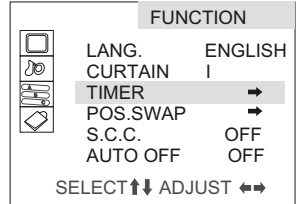


2. Press the button repeatedly, the screen will show in turn as the right form.

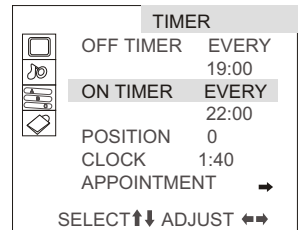
### Timer on

When this function is used, the TV set can automatically turn the power on at the preset time in the standby status and display the preset program.

1. Press MENU button repeatedly to select FUNCTION menu, then press CH+/- to select TIMER and VOL+ to enter the submenu.

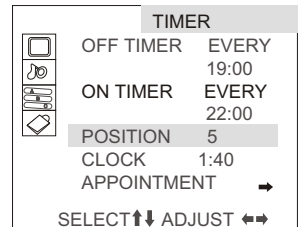


2. Press CH+/- button, move the indicator to the ON TIMER, then press VOL+/- button to set it ONCE, EVERY or OFF.

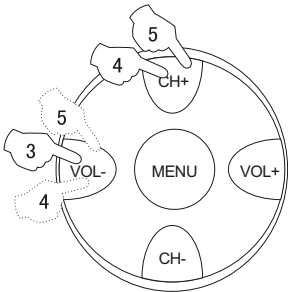
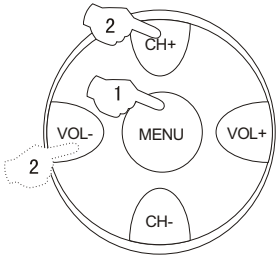


3. Press CH- button, move the indicator to the below. Then, press VOL+/- button to set the time.

4. Press CH+/- button, move the indicator to POSITION 0, press VOL+/- button to set the channel with which the TV is turned on (take 5 for example).



5. Press CH+/- button, move the indicator to CLOCK, press VOL+/- button, and you can set the time (same as TIMER OFF and it will be the standard of the clock of TIMER ON/OFF).

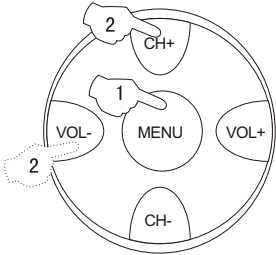


# Setting the Timer (continued)

- The channels appointment function can help you conveniently preset as many as six programs at a time. At the preset time, the TV set will automatically change to the preconcerted channel. If two or more programs are set in a same time, the last channel number will be selected.

## Channels appointment

### Channels appointment



1. Press MENU button repeatedly to select the FUNCTION menu, then press CH+/- to select TIMER and VOL+ to enter the submenu.

2. Press CH+/- button, move the indicator to CLOCK, press VOL+/- button, and you can set the time (same as TIMER OFF and it will be the standard of the clock of APPOINTMENT).

TIMER		
<input type="checkbox"/>	OFF TIMER	EVERY 19:00
<input type="checkbox"/>	ON TIMER	EVERY 22:00
<input type="checkbox"/>	POSITION	0
<input type="checkbox"/>	CLOCK	1:40
	APPOINTMENT	→
	SELECT	↑↓ ADJUST ←→

3. Press CH+/- button, move the indicator to APPOINTMENT, then press VOL+ button to enter the sub-menu.

APPOINTMENT	
POS.	TIME
100	OFF
000	OFF
000	OFF
000	OFF
000	OFF
000	OFF
000	OFF

4. Press VOL+/- button to set the channel number you want (e.g. 100).

APPOINTMENT	
POS.	TIME
100	OFF
000	OFF
000	OFF
000	OFF
000	OFF
000	OFF
000	OFF

5. Press CH- button to enter the TIME item. Press VOL+/- button to set the time.

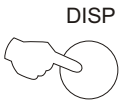
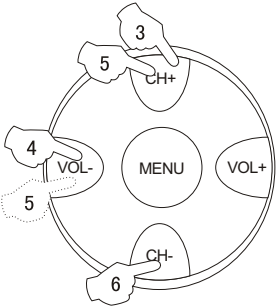
- Repeatedly press VOL+/- button, the time changes with a rate of one minute;
- Press the button without releasing, the time changes with a rate of ten minutes.

APPOINTMENT	
POS.	TIME
100	12:58
000	OFF
000	OFF
000	OFF
000	OFF
000	OFF
000	OFF

6. Press the CH- button, and follow the instructions of step 4 and 5, you can do the setting of the next channel.

7. Press DISP button to exit the menu.

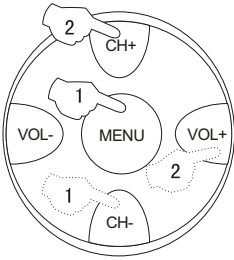
- At the preset time, the TV set will automatically change to the preconcerted channel;
- This function is available only when the TV set is on, and it cannot be used in the status of standby or power off.



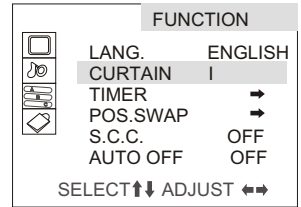
# Setting the other Function

## Language and screen protection

### How to select the language on the screen



1. Press MENU button repeatedly to select the FUNCTION menu.

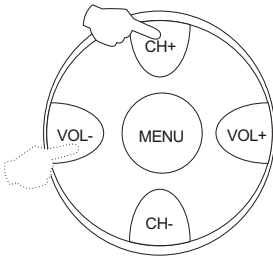


2. Press CH+/- button, move the indicator to LANG., then press VOL+ button to select the language and the menu on the screen will be displayed with the language you select.

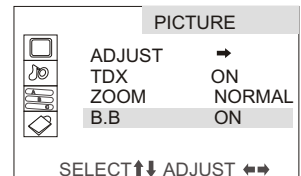
Note: You can not adjust the item when there is only one language OSD, and the item may not appear.

### How to activate the function of screen protection

If no signal has been received by the TV set, when the B.B function is set ON, the screen will change into the form on the right shows .



Press MENU button repeatedly to select the PICTURE menu. Press CH+/- to select B.B, and press VOL+/- button to set it ON.

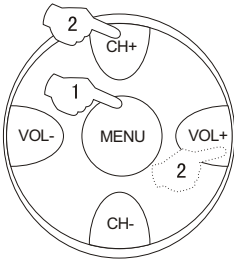


# Setting the other Function(continued)

## Curtain function and calendar display

### How to use the Curtain function

- This TV set provides three types of Curtain function for you to select.



1. Press MENU button repeatedly to select the FUNCTION menu.

2. Press CH+/-, and move the indicator to CURTAIN, then press VOL+ to select from I, II and III.

I: curtain

II : fade in and fade out

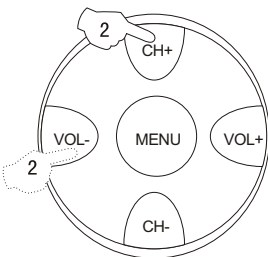
III: mixed I and II

FUNCTION	
	LANG. ENGLISH
	CURTAIN I
	TIMER →
	POS.SWAP →
	S.C.C. OFF
	AUTO OFF OFF
SELECT ↑↓ ADJUST ↔	

### How to use the CALENDAR function

- This TV set has been designed to store the calendar from the year 1901 to 2050.

#### CALENDAR



1. Press the CALENDAR button and then the calendar will appear on the screen(Press the CALENDAR button again to conceal the display).

OCT 2002						
SU	MO	TU	WE	TH	FR	SA
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

2. Press CH+/- button to adjust the YEAR, press VOL+/- button to adjust the MONTH.

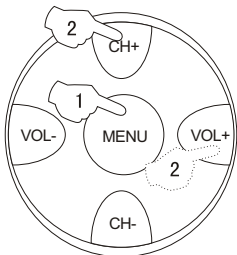
# Setting the other Function(continued)

- The function of channel exchange will enable you to exchange any two programs and you can conveniently adjust the order of the programs due to your own need.

## Channel exchange

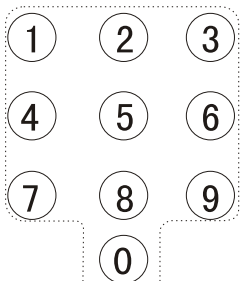
### Channel Exchange

(for example, to change between channel 1 and 9 )



1. Press MENU button repeatedly to select the FUNCTION menu.

FUNCTION	
LANG.	ENGLISH
CURTAIN	1
TIMER	→
POS.SWAP	→
S.C.C.	OFF
AUTO OFF	OFF
SELECT ↑↓ ADJUST ↔	



Direct-digit Choosing Button

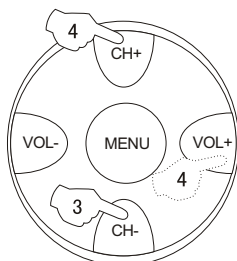
2. Press CH+/- button, move the indicator to POS.SWAP, Then press VOL+ button to enter the sub-menu.

FUNCTION	
POS1	1
POS2	9
SWAP	?
BACK	→
SELECT ↑↓ ADJUST ↔	

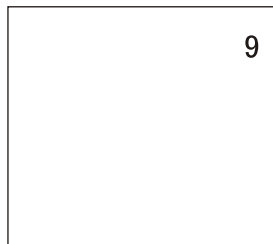
•The numbers shown in POS1 and POS2 is the number of the present channel.

3. Press CH+/- button, move the indicator to POS2, then press VOL+ button to set the channel number to 9.

FUNCTION	
POS1	1
POS2	9
SWAP	?
BACK	→
SELECT ↑↓ ADJUST ↔	



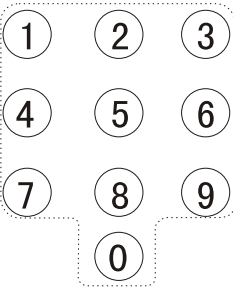
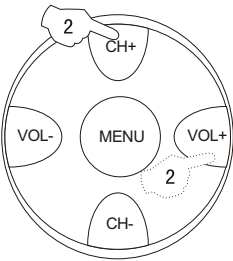
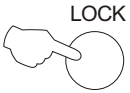
4. Press CH+/- button, move the indicator to SWAP, then press VOL+ button to confirm. Then the programs of the two channel will be exchanged.



# Setting the Lock

- This TV set provides you with the LOCK function, you can choose it due to your need to protect your TV set.

## Changing your password

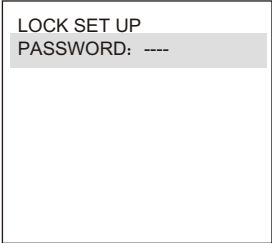


Direct-digit Choosing Button

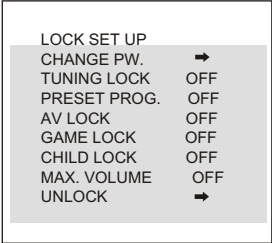
### Changing your password

This TV set can set a four digit password, the original one is 0000, if you want to reset it, please follow the instructions below.

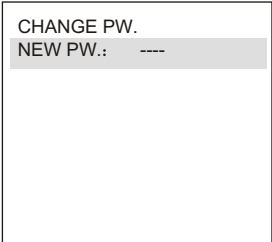
1. Press LOCK button, the screen will show as the form on the right.



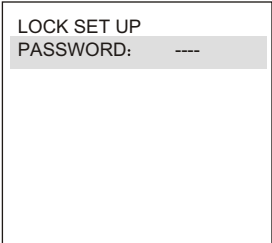
2. Press the 0 button four times, and enter the menu of LOCK setting. Press CH+/- button and move the indicator to CHANGE PASS. , and press VOL+ button to enter the sub-menu of change password.



3. Press the Direct-digit Choosing button and input a four-digits password.

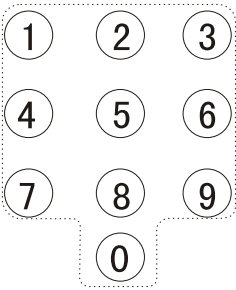
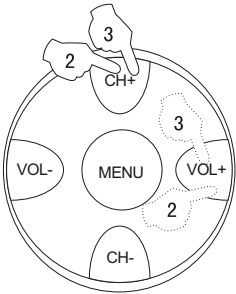
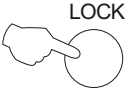


4. After inputting the new password, return to the original status as shown on the right form, then, you can input the new password to enter the menu of LOCK setting.



# Setting the Lock(continued)

## Setting the Lock

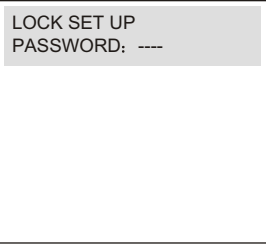


Direct-digit Choosing Button

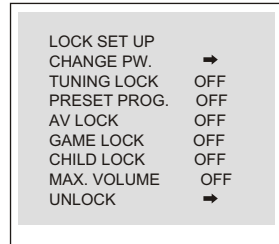
### Setting the Lock

There are several lock setting, you can set it due to your need.

1. Press the LOCK button, the screen will show as the form on the right.



2. Press the Direct-digit Choosing button 0 for four times( or input the password you set), and enter the menu of LOCK.



3. Press CH+/- button, move the indicator to TUNING LOCK, then press VOL+ button to set it ON or OFF.

#### Note:

1. When the TUNING LOCK is set ON, you can not enter the TUNING menu.
2. The PRESET PROG allows you to turn on the TV always with one channel.
3. When AV LOCK is set ON, av cannot be used, hence the screen will change into black and indicate that it has been locked. The TV set will be in the state of mute.
4. When the GAME LOCK is set ON, you can not play the game.
5. When the CHILD LOCK is set ON, if the buttons on the TV are pressed, it will indicate that the TV set is in the status of CHILD LOCK, and the buttons won't work.
6. The MAX VOLUME allows you to set a figure of the top limit of volume.
7. The UNLOCK allows to you to set all the lock to OFF .

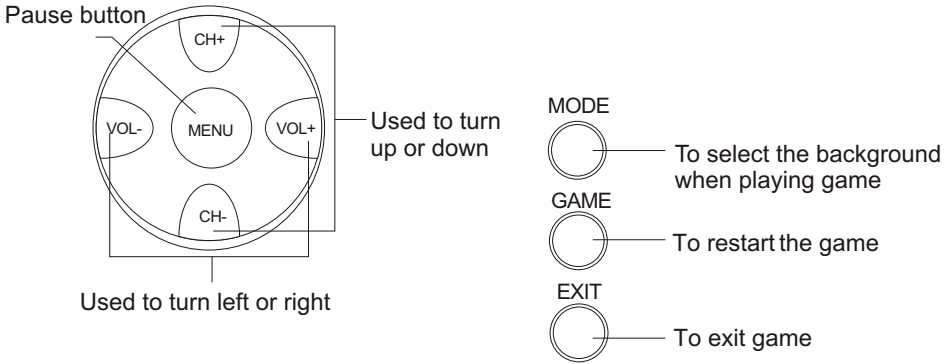


# Game

- This TV set provides you with the SNAKE game, after entering the game, except the buttons that are appointed in the game (for example, the game button, VOL +/- and CH +/-, etc.) and the DC Standby button, the other buttons cannot be used.

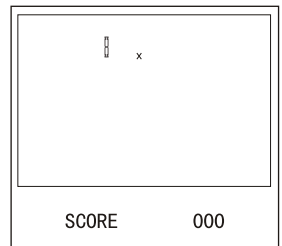
## Game control buttons and method of playing the game

### Game control buttons



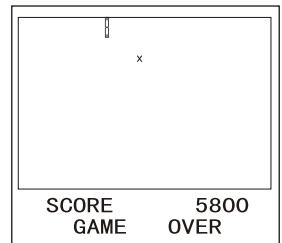
### Method of playing the game

1. Press GAME button to start the game.



2. On the screen, the snake figures in yellow is operated by you. Press CH +/- and VOL +/- buttons to move the submarine up, down, left or right to change the position (the head of the snake can not crash the side of the squareness, otherwise, game is over) and devour the food x (in red). Press MENU button on the remote control to pause. You will get a mark of 100 when the snake eats a x.

3. You can press the GAME button to restart the game when it is GAME OVER or during the process of the game.



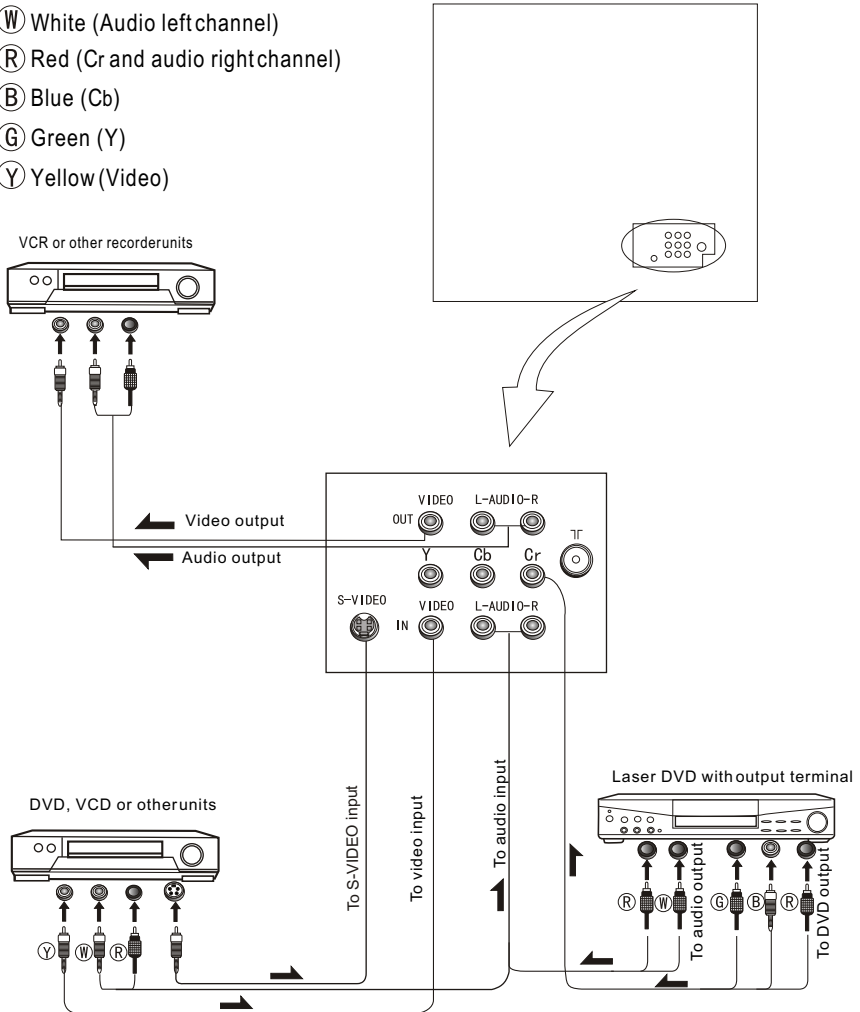
# Connecting Additional Equipments

## Connecting additional equipments

- You can connect the DVD, VCR and stereo system to the AV output to enjoy a higher quality of picture and sound effect.

### ➔ Signal flow

- Ⓜ White (Audio left channel)
- Ⓡ Red (Cr and audio right channel)
- Ⓟ Blue (Cb)
- Ⓞ Green (Y)
- Ⓜ Yellow (Video)



# Troubleshooting

- Before calling service personnel, please check the following chart for a possible cause to the trouble you are experiencing.

Symptom	Check these things
TV is not turned on	<ul style="list-style-type: none"> <li>• Be sure the power cord is plugged in.</li> </ul>
Good picture , no sound	<ul style="list-style-type: none"> <li>• The MUTE function may be used.</li> <li>• Adjust the volume of the TV set.</li> </ul>
Poor colour / tint, good sound	<ul style="list-style-type: none"> <li>• The contrast, colour and tint may be incorrectly adjusted.</li> <li>• If you change the direction of the TV while the TV is on, the picture may suffer from colour shading. If so, turn off the TV and allow about 30 minutes to cool, then turn on the TV again.</li> </ul>
Spots appear on the screen	<ul style="list-style-type: none"> <li>• The broadcast signal may be jammed by other electrical sources such as cars, motorcycles, electric trains, high tension lines, neon signs, hair dryers.</li> </ul>
Lines appear on the screen	<ul style="list-style-type: none"> <li>• The broadcast signal may be jammed by other TV receivers, personal computers, and TV games, as well as interference from radio stations.</li> </ul>
Double images or ghosts	<ul style="list-style-type: none"> <li>• Interference may be due to broadcast waves reflected from mountains or buildings.</li> <li>• Check if the direction of the antenna is changed.</li> </ul>
Snowy picture or black screen	<ul style="list-style-type: none"> <li>• The antenna may be disconnected or falling out.</li> <li>• Check if the direction of the antenna is changed.</li> </ul>
Remote control does not work	<ul style="list-style-type: none"> <li>• The batteries in the remote control may be exhausted.</li> <li>• The batteries may be improperly installed.</li> <li>• Check if there are obstacles between the remote control and the remote (infrared ray) receiver.</li> <li>• Check if there is strong light interference around the remote (infrared) receiver.</li> <li>• Check if the main power is ON.</li> </ul>

## The following conditions are not troubles

Clacking noise inside the receiver	<ul style="list-style-type: none"> <li>• It may result from the expansion of the shell caused by a temperature change. This will not affect the picture and sound quality.</li> </ul>
Uneven colour in a certain portion of the screen	<ul style="list-style-type: none"> <li>• If the picture is too bright, this may occur according to the nature of the pictures. Reduce the contrast, it may resume to normal.</li> </ul>

## CAUTION

In case of problems, have your TV serviced by qualified personnel. Never attempt to service the set yourself since opening the cabinet may expose you to dangerous voltage or other hazards.

# Specifications

- The specifications offered you here are only for reference and, with the improvement of the products ,there may be some different between the description and the practicality.

## Specifications

Color system	PAL ,AV NTSC 3.58,NTSC4.43	
Sound system	B/G,DK	
Picture tube	21"color picture tube(the viewable dimension is 51cm)	
Sound output	2X15W(others )	2X10W(21FA1(D),21TA1-BG)
Power consumption	≤ 80W (others)	≤ 70W (21FA1(D),21TA1-BG)
Dimensions (mm) (WXDXH)	603x475x430 (21T9D/21F9D) 576x475x458 (21F9K)	576x395x458 (21F3A/21T3A) 576x491x441 (21FA1(D)/21TA1-BG)
Accessories	Warranty Card	X1
	Remote controller	X1
	Owner's manual	X1
	Battery(AA)	X2

Note : Warranty Card is only for the special country or area .

Sound output power and sound system may differ from different models and countries.

## Power supply input list

Country or Area	Power supply input
Malaysia	~150V-250V, 50/60Hz
Korea	~90-240V, 50/60Hz
Yugoslavia	~220V-230V, 50/60Hz
Jordan, Oman, UAE, Pakistan, Lebann, India, Yemen, Kuwait, Bahrain	~160V-250V, 50/60Hz
Indonisia	~150V-240V, 50Hz
Philippine, Sri Lanka	~150V-240V, 50/60Hz
New Zealand, Australia	~220V-240V, 50Hz
Hong Kong, Algeria, Nepal, Turkey	~220V, 50Hz

The actual voltage and frequency of the TV set is different for the country or area.

## NOTE

Design and specifications are subject to change without notice.  
The dimension in this manual is a approximation.

# Haier

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